

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	41	((VIDAR) near2 (SNEKKENES)).INV.	US-PGPUB	OR	OFF	2009/05/20 13:14
S1	419	"oxygen delignification"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:35
S2	209	"oxygen delignification"	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:35
S3	0	"oxygen delignification" and (three same stages)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:40
S4	8	"oxygen delignification" and ("3" same stages)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:41
S5	7	"oxygen delignification" and ("4" same stages)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:41
S6	5	"oxygen delignification" and ("5" same stages)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:41
S7	0	"oxygen delignification" and (three same stage)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:41
S8	1	"oxygen delignification" and (four same stage)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:41
S9	0	"oxygen delignification" and (four same stages)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:41
S10	0	"oxygen delignification" and (five same stages)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:41
S11	0	"oxygen delignification" and (five same stage)	EPO; JPO; DERWENT	OR	OFF	2008/09/26 14:42
S12	6	"oxygen delignification" and (three same reactors)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:52
S13	24	"oxygen delignification" and ("3" same reactors)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:52
S14	16	"oxygen delignification" and ("4" same reactors)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:52
S15	120	"oxygen delignification" and ("3" same reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:52
S16	118	"oxygen delignification" and ("4" same reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:52
S17	43	"oxygen delignification" and (three same reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:53
S18	2	"oxygen delignification" and (four same reactors)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:53

S19	16	"oxygen delignification" and (four same reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:53
S20	7	"oxygen delignification" and (five same reactors)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:53
S21	22	"oxygen delignification" and (five same reactor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 14:53
S22	269	S1 not (S15 or S16)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 15:22
S23	150	(S15 or S16)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 15:30
S24	3	("6221206" "5460696" "5217575").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 15:44
S25	7	"oxygen delignify"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 15:53
S26	0	"o2 delignification" not S1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 15:54
S27	2	"o2 delignification"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 15:54
S28	0	"oxygen delignify"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/26 15:55
S29	6	multi near3 stage near3 oxygen near3 delignification	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 14:53
S30	1	"4,946,556".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 14:55
S31	0	multi near3 stage near3 oxygen near3 delignification	EPO; JPO; DERWENT	OR	OFF	2008/10/09 14:57
S32	5	multistage near3 oxygen near3 delignification	EPO; JPO; DERWENT	OR	OFF	2008/10/09 14:57
S33	0	multi-stage near3 oxygen near3 delignification	EPO; JPO; DERWENT	OR	OFF	2008/10/09 14:57
S34	1	multistage near3 oxygen near3 delignification	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 14:57
S35	5	multi-stage near3 oxygen near3 delignification	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 14:57
S36	0	multistage near3 O2 near3 delignification	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 15:00
S37	0	multi near3 stage near3 O2 near3 delignification	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 15:00
S38	0	multi-stage near3 O2 near3 delignification	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 15:00
S39	70	((VIDAR) near2 (SNEKENES)).INV.	US-PGPUB; USPAT	OR	OFF	2008/10/09 15:15
S40	6	((JONAS) near2 (SAETHERASEN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/10/09 15:17

S41	65	((LENNART) near2 (GUSTAVSSON)).INV.	US-PGPUB; USPAT	OR	OFF	2008/10/09 15:18
S42	0	"10595839"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 15:20
S43	0	"10/595839"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 15:20
S44	12	((MARTIN) near2 (RAGNAR)).INV.	US-PGPUB; USPAT	OR	OFF	2008/10/09 15:22
S45	53	((VIDAR) near2 (SNEKKENES)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/10/09 15:25
S46	3	((JONAS) near2 (SAETHERASEN)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/10/09 15:26
S47	56	((LENNART) near2 (GUSTAVSSON)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/10/09 15:27
S48	176	reactor and mixing and "oxygen delignification"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 17:26
S49	4	"oxygen delignification" and "mechanical stirrer"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 17:37
S50	4	"oxygen delignification" and "mechanical stirrer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:38
S51	11	"oxygen delignification" and "stirrer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:38
S52	3	"oxygen delignification" and "mechanical mixer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:39
S53	0	"oxygen delignification" and "hydrodynamic"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:40
S54	630	"oxygen delignification"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:42
S55	630	"oxygen delignification"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:42
S57	23	"O2 delignification"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:43

S58	5	"hydrodynamic stirrer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:43
S59	2	"4363697".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/09 17:46
S60	40	("1433865"   "2953202"   "3313677"   "3754417"   "3963561"   "3966542"   "4088528"   "4198266"   "4248662"   "4259150"). PN. OR ("4363697"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 17:46
S61	1	"4259150".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 17:54
S62	1	"3725194".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/10 09:17
S63	150	("20010050152" "20020026990" "20020088567" "20020088570" "20020088571" "20030051841" "20050061460" "20050155730" "20050211401" "20060207733" "20070284068" "20080236771" "3652385" "3652386" "3652388" "3660225" "3725194" "3944463" "3951733" "4016029" "4295925" "4372811" "4406735" "4439271" "4445969" "4626319" "4657633" "4728393" "4764251" "4840703" "4895619" "4897156" "5091054" "5173153" "5217574" "5217575" "5246543" "5306391" "5364505" "5387317" "5403441" "5460696" "5474654" "5525195" "5567274" "5591308" "5785810" "5916415" "5938892" "5944951" "5958179" "6030493" "6080275" "6126782" "6149766" "6210527"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/10 10:18

		"6221206" "6221207" "6258208" "6325888" "6325892" "6379594" "6391152" "6547923" "6579411" "6691358" "6733625" "6736934" "6773547" "6793771" "6808596" "6841036" "7112256" "7156952" "7351306" "4916248" "4916908" "4970329" "4980037" "5277760" "5364503" "5369024" "5498534" "5536886" "5691193" "5798061" "5834301" "6083421" "6083733" "6258603" "6265428" "6267975" "6268197" "6274538" "6281181" "6284802" "6287585" "6291371" "6291413" "6291415" "6294186" "6300116" "6303119" "6303561" "6322595" "6322801" "6326341" "6329338" "6340664" "6348441" "6348604" "6358911" "6362009" "6365561" "6365564" "6376445" "6388063" "6391872" "6391877" "6399557" "6407045" "6409881" "6410500" "6410781" "6413928" "6414011" "6414139" "6416960" "6420567" "6423676" "6426055" "6428799" "6429185" "6432624" "6432994" "6436703" "6440911" "6440927" "6444647" "6448212" "6448270" "6458805" "6462007" "6465410" "6465507" "6468688" "6468957" "6475710" "6475713" H002043 ). PN.				
S64	421	"oxygen delignification"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/10 11:30
S65	113	oxygen near4 delignification not S64	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/10 11:44
S66	207	162/47.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/10 11:50

S67	3	"oxygen delignify" not S64	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/10 11:58
S68	3	(multi many numerous "4" four three several) near4 reactors same (O2 oxygen) same delig\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 11:03
S69	3	(multi many numerous "4" "3" four three several) near4 reactors same (O2 oxygen) same delig\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 11:09
S70	10	(multi many numerous "4" "3" four three several) near4 reactor\$2 same (O2 oxygen) same delig\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 11:10
S71	3	(multi many numerous "4" "3" four three several) near4 reactor\$2 same (O2 oxygen) same delig\$8	EPO; JPO; DERWENT	OR	OFF	2009/05/19 11:16
S72	3	(multi many numerous "4" "3" four three several) near4 reactor\$2 same2 (O2 oxygen) same delig\$8	EPO; JPO; DERWENT	OR	OFF	2009/05/19 11:18
S73	5	(multi many numerous "4" "3" four three several) near4 reactor\$2 same2 (O2 oxygen) same2 delig\$8	EPO; JPO; DERWENT	OR	OFF	2009/05/19 11:18
S74	22	(multi many numerous "4" "3" four three several) near4 reactor\$2 same2 (O2 oxygen) same2 delig\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 11:18
S75	111	(multi many numerous "4" "3" four three several) same2 (O2 oxygen) same2 delig\$8	EPO; JPO; DERWENT	OR	OFF	2009/05/19 11:20
S76	12	(multi many numerous "4" "3" four three several) same2 reactor\$2 same2 (O2 oxygen) same2 delig\$8	EPO; JPO; DERWENT	OR	OFF	2009/05/19 11:21
S77	12	(multi many numerous "4" "3" four three several) same2 vessel\$2 same2 (O2 oxygen) same2 delig\$8	EPO; JPO; DERWENT	OR	OFF	2009/05/19 11:22

S78	9	(multi many numerous "4" "3" four three several) same2 vessel\$2 same2 (O2 oxygen) same2 delig\$8 not S76	EPO; JPO; DERWENT	OR	OFF	2009/05/19 11:22
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**5/ 20/ 2009 1:46:58 PM**

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multi reactor oxygen delignifiction.wsp**